

# Product Bulletin

## 500 SERIES INTERMEDIATE POLISHED VINYL

A 3.0 mil polished polymeric flexible calendered vinyl with 200-5000 permanent acrylic pressure sensitive adhesive laminated to a 78# clay coated liner. Commonly used on computer programmable sign cutting machines.

**APPLICATIONS** – This product is recommended for outdoor and indoor uses where a high quality marking film-requiring flexibility, durability and resistance to sunlight is required. These films can be used for architectural signage, commercial-retail signage, point-of-purchase graphics and decals.

**PRODUCT VARIATIONS** - This material can be printed with high quality screen printing inks formulated for flexible vinyl. Consult your ink supplier before printing and test all ink prior to production.

<b>Thickness</b>	Film	3.0 mils.
	Adhesive	.8 to 1.0 mils.
	Liner	4.5 mils.
	(Thickness variance $\pm 10\%$ )	
<b>Dimensional Stability</b>	Good.	
<b>Temperature Ranges</b>	Minimum application temperature is +40°F. Service temperature range is -40°F to +200°F.	
<b>Expected Lifetime Exterior Color Fade</b>	Up to 5 years under normal exposure conditions.	
<b>Adhesion</b>	To stainless steel - 40 oz./in. when tested according to PSTC-1 with 24 hour dwell at 70°F and 50% relative humidity. Typical values. Individual values may vary. Test thoroughly before production.	
<b>Water Resistance</b>	Limited immersion resistance. Test for specific application.	
<b>Humidity Resistance</b>	Good.	
<b>Storage Stability</b>	1-year shelf life when stored at 70°F and 50% relative humidity.	

### Colors Available

501 White	510 Vivid Blue	518 Dark Green	530 Brown	541 Pink
502 Black	513 Ocean Blue	519 Green	531 Beige	544 Orange
503 Transparent	514 Artic Blue	520 Kelly Green	534 Burgundy	546 Purple
505 Grey	515 Sky Blue	522 Dark Yellow	536 Cranberry	548 Plum
506 Midnight Blue	516 Teal	523 Lemon	537 Cherry	550 Gold
508 Sapphire Blue	517 Forest Green	524 Daffodil	538 Tomato Red	551 Silver



**Manufacturer of Pressure Sensitive Films,  
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